

2020 Indiana Residential Code

Prescriptive Method Energy Requirements per Section N1102

Insulation

Basement Walls	R-10/13*
Crawlspace Walls	R-10/13*
Slabs (edge)	R-10 (for a depth of at least 24")
Heated Slabs	R-5 (underneath)
Rim & Band	R-13+5** or R-20
Exterior Walls	R-15
Ceilings (flat)	R-38
Ceilings (vaulted or at roof line)	R-30
Refrigerant Lines	R-3
Hot Water Piping (outside the building envelope)	R-3
Ducts (outside the building envelope)	R-8

* R-10 if continuous and R-13 if in the framing (joist) cavities

** R-13 cavity insulation covered by R-5 continuous board insulation

Fenestration

Windows & Glass Doors (Metal)	U-0.65
Windows & Glass Doors (Nonmetal)	U-0.55
Skylights (Metal)	U-1.10
Skylights (Nonmetal)	U-1.05
Insulated Metal Doors	U-0.60
Wood Doors	U-0.50

Additional Requirements

Attic Access Panel must be insulated and gasketed (or weather-stripped)

All HVAC Equipment must be sized according to the ACCA Manual J, 8th Edition

Setback (Programmable) Thermostat initially set at 70°F Heat & 78° Cool

At least 90% of all permanent lighting must be high-efficacy lamps (CFL or LED)

All duct/pipe seams and connections must be sealed with mastic or UL181 Tape

The following must be caulked, sealed, or gasketed:

- Gaps between the windows or doors and the framing

- Top plates and bottom plates (to the sub-floor)

- Perimeters of all headers

- Corners and ANY back-to-back studs, cripples, or jack studs

- Utility penetrations

- Behind tubs and showers on exterior walls

- Rim Joist junctions

- Exposed seams in the exterior sheathing (exception: spray foamed walls)

NOTE: All of the above apply to walls between dwelling units, garage walls common to the dwelling, and exposed, wood-framed basement walls